

Claims:

1. A computer component mounting system comprising:

a chassis comprising a pair of opposite panels;

a pair of mounting frames attached to the panels respectively, each of the mounting frames comprising a base plate, and a pair of side plates extending from opposite sides of the base plate, the base plate comprising a positioning plate extending therefrom, each of the side plates defining a locking slot therein; and

a mounting bracket comprising a main portion for holding at least one computer component thereon, and a pair of mounting portions at opposite ends of the main portion, each of the mounting portions comprising a pair of locking tabs corresponding to the locking slots of a respective mounting frame, and a positioning tab corresponding to the positioning plate of the respective mounting frame;

wherein the locking tabs of the mounting bracket are engaged in the locking slots of the mounting frames, and the positioning tabs of the mounting portions are joined to the respective mounting frames, thereby securing the mounting bracket in the chassis.

2. The computer component mounting system as described in claim 1, wherein each of the mounting frames further comprises a pair of guide plates extending obliquely from upper portions of the side plates respectively.
3. The computer component mounting system as described in claim 2, wherein the locking slot is defined in each of the side plates and its adjoining guide plate.
4. The computer component mounting system as described in claim 3, wherein a width of an upper portion of the locking slot is greater than a width of a lower

portion thereof.

5. The computer component mounting system as described in claim 1, wherein each of the mounting frames further comprises a mounting plate extending from the base plate, and the mounting plate defines a mounting hole for attachment of the mounting plate to a corresponding panel of the chassis.
6. The computer component mounting system as described in claim 1, wherein positioning holes are defined in the positioning tabs of the mounting portion and the positioning plates of the mounting frame for extension of fasteners therethrough to join the mounting bracket to the mounting frames.
7. The computer component mounting system as described in claim 1, wherein each of the mounting portions further comprises two opposite plate portions, and the pair of locking tabs extends from the plate portions respectively.
8. The computer component mounting system as described in claim 7, wherein each of the mounting portions is secured between the side plates of a corresponding mounting frame, with the plate portions abutting the side plates.
9. A computer component mounting system comprising:
  - a pair of panels each with a mounting frame located at an inside thereof, the mounting frame comprising a pair of side plates cooperatively defining a space therebetween, and a medial first positioning member;
  - a mounting bracket comprising a main portion for holding at least one computer component thereto, and a pair of mounting portions located at opposite ends of the main portion and received in said spaces of the mounting frames respectively, each of the mounting portions comprising a second positioning member corresponding to the first positioning member of a respective mounting frame; and

guiding means provided on each of the mounting frames for guiding the mounting portions into said spaces respectively;

wherein corresponding first and second positioning members are joined together to secure the mounting bracket to the mounting frames, whereby the at least one computer component attached to the mounting bracket is positioned between the panels.

10. The computer component mounting system as described in claim 9, wherein each of the mounting frames further comprises a base plate interconnecting the side plates, and the first positioning member extends from an upper portion of the base plate.
11. The computer component mounting system as described in claim 9, wherein the guiding means comprises a pair of guide plates extending obliquely from upper portions of the side plates of each of the mounting frames.
12. The computer component mounting system as described in claim 11, wherein a pair of locking slots is defined in the side plates and adjoining guide plates of each of the mounting frames, each of the mounting portions comprises a pair of locking tabs, and the locking tabs engage in the locking slots respectively.
13. The computer component mounting system as described in claim 12, wherein a width of an upper portion of each of the locking slots is greater than a width of a lower portion of the locking slot, and the width of the lower portion is substantially equal to a thickness of a corresponding locking tab.
14. The computer component mounting system as described in claim 13, wherein the locking tabs enter the upper portions of the corresponding locking slots, and are fittingly received in the lower portions of the locking slots.
15. The computer component mounting system as described in claim 9, wherein each of the mounting portions further comprises two parallel plate portions that

abut the side plates of a corresponding mounting frame when the mounting portion is secured in said space of the mounting frame.

16. The computer component mounting system as described in claim 9, wherein the at least one computer component is received in at least one housing, and the combined at least one computer component and at least one housing is attached to the main portion of the mounting bracket.

17. A computer component mounting system comprising:

at least one panel;

a mounting frame formed on the panel and defining a pair of opposite spaced side plates, each of said side plates defining a locking slot with an opening on a top portion thereof;

a mounting bracket for holding fans thereon, said mounting bracket including:

a main portion located in a non-parallel relation with regard to the panel;

a mounting portion integrally formed and angularly bent at one end of said main portion, said mounting portion confronting and spaced from the panel;

spaced first and second plates located by two sides of the mounting portion, and respectively engaging the corresponding first and second side plates in a direction perpendicular to said first and second plates and side plates;

said first plate being outwardly and angularly split from the mounting portion and leaving an opening therein;

said second plate integrally formed and outwardly angularly bent at a distal end of the mounting portion; and

first and second locking tabs integrally extending angularly and outwardly laterally from corresponding distal ends of the first and second plates,

respectively; wherein

each of said first and second locking tabs is retainably received in the corresponding locking slot.

18. The system as described in claim 17, wherein said first parallel plate is coplanar with the main portion.
19. The system as described in claim 17, wherein said main portion is perpendicular to said panel.
20. The system as described in claim 17, wherein said first and second side plates are perpendicular to the panel.